

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Currently amended): A display device comprising:
a display that presents a color images, the display including a housing; and
a processor within the housing of the display that adjusts the color images presented by
the display, wherein the processor;
receives color input including input color image data;
processes the color input based on a source device profile associated with a source
imaging device and a display profile associated with the display to generate altered color image
data; and
outputs the altered color image data to the display to present the color image.

Claim 2 (Canceled)

Claim 3 (Previously Presented): The display device of claim 1, wherein the processor
receives internal color input and external color input.

Claim 4 (Previously Presented): The display device of claim 1, wherein the color input
includes the display profile and the source device profile.

Claim 5 (Canceled)

Claim 6 (Original): The display device of claim 3, wherein the internal color input includes
sensed conditions.

Claim 7 (Original): The display device of claim 3, wherein the external color input includes user input.

Claim 8 (Previously Presented): The display device of claim 3, wherein the external color input includes the input color image data.

Claim 9 (Previously Presented): The display device of claim 1, wherein the processor is an application specific integrated circuit (ASIC).

Claim 10 (Original): The display device of claim 1, wherein the display is one of the following: Cathode ray tube, flat panel display, digital paper, plasma display, and electronic ink display.

Claim 11-12 (Canceled)

Claim 13 (Previously Presented): The display device of claim 1, wherein the images rendered on the display substantially visually matches an image rendered by the source device associated with the source profile.

Claim 14 (Previously Presented): The display device of claim 1, further comprising an archive within the housing and coupled to the processor.

Claim 15 (Original): The display device of claim 14, wherein the archive stores a link indicative of a mapping of the color input from a particular source device to the display device.

Claim 16 (Original): The display device of claim 14, wherein the archive comprises electrically-erasable-programmable-read-only-memory.

Claim 17 (Original): The display device of claim 14, wherein the archive comprises random access memory.

Claim 18 (Original): The display device of claim 1, wherein the processor is housed within the display.

Claim 19-20 (Canceled)

Claim 21 (Previously Presented): The display device of claim 14, wherein the processor:
checks the archive to determine whether the altered color image data has already been generated for the color input;
processes the color input to generate the altered color image data if the altered color image data has not already been generated; and
calls the altered color image data from the archive when the altered color image data has already been generated.

Claim 22 (Previously Presented): A method comprising:
receiving color input in a display device;
processing the color input in a processor internally housed within a housing of the display device to generate altered image data; and
displaying a color image according to the altered image data.

Claim 23 (Original): The method of claim 22, wherein receiving color input in the display device comprises receiving internal input and external input.

Claim 24 (Original): The method of claim 23, wherein receiving internal input includes receiving sensed conditions.

Claim 25 (Original): The method of claim 23, wherein receiving internal input includes receiving a display profile.

Claim 26 (Original): The method of claim 23, wherein receiving external input includes receiving sensed conditions.

Claim 27 (Original): The method of claim 23, wherein receiving external input includes receiving image data.

Claim 28 (Original): The method of claim 23, wherein receiving external input includes receiving a source profile.

Claim 29-30 (Canceled)

Claim 31 (Previously Presented): The method of claim 22, further comprising generating a link indicative of a mapping of the color input from a particular source device to the display device.

Claim 32 (Previously Presented): The method of claim 31, further comprising storing the link in an archive coupled to the processor.

Claims 33-37 (Canceled)

Claim 38 (Currently Amended): A system comprising:
a plurality of display devices, each display device including a display defining a housing
and an ~~internally integrated~~ color matching processor internally housed within the housing of
each display;
a color management control coupled to the display devices; and
at least one printing device coupled to the color management control.

Claim 39-40 (Canceled)

Claim 41 (Original): The system of claim 38, wherein each respective color matching processor:

receives color input from the color management unit,
processes the color input; and
outputs altered color image data to the respective display device associated with the respective color matching processor.

Claim 42 (Original): The system of claim 41, wherein each respective color matching processor receives color input from the respective display device associated with the respective color matching processor.

Claim 43 (Previously Presented): The system of claim 38, further comprising a plurality of archives, wherein each of the archives is coupled to one of the internally integrated color matching processors.

Claim 44 (Previously Presented): The system of claim 43, wherein each of the archives store links indicative of mappings of color input from particular source devices to the respective display devices associated with the respective archives.

Claim 45 (Previously Presented): The method of claim 32, further comprising:
receiving another color input, the another color input being the same as the color input for which the link was generated; and
accessing the archive to obtain the link without re-generating the altered color image data.

Claim 46 (New) A system comprising:

display device including:

a display that presents color images, the display including a housing; and

a first processor within the housing of the display that adjusts the color images presented by the display, wherein the first processor:

receives color input including input color image data,

processes the color input based on a source device profile associated with a source imaging device and a display profile associated with the display to generate altered color image data, and

outputs the altered color image data to the display to present the color image; and

a second processor not housed within the housing of the display, wherein the second processor comprises a general purpose microprocessor that provides the input color image data to the first processor housed within the display.